#### CookBook: Your Virtual Kitchen Assistant

#### Introduction

Project Title: Cook book

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## **Project Overview**

Purpose: To create an intuitive digital ewcipe book app that allows users to browse, view, and manage recipes efficiently.

#### Features:

- Browse various recipes by category.
- Detailed recipe view with ingredients and steps.
- Image gallery for each recipes.
- Search functionality.

### **Architecture**

Component Structure: Header, recipe list, recipe card, recipe details, search bar, State Management: React's Context API for global state and bookmarks.

Routing: react router for navigation between recipe list and recipe details.

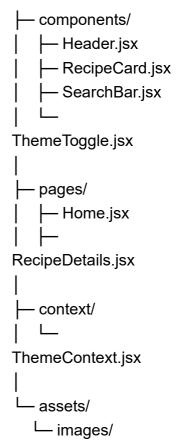
### **Setup Instructions**

Prerequisites: Node.js, npm Installation:

- 1. Clone the repository
- 2. Navigate to the project folder
- 3. Install dependencies with npm install
- 4. Start the development server with npm start
- 5. Open http://localhost:3000 in a browser

## **Folder Structure**

```
/cookbook-appreact rc/
```



#### Running the Application Command:

npm start

# **Component Documentation**

Key Components: Navbar, recipecard, searchbar, themetoggle, recipe details. Reusable

Components: Buttons, Cards

# State Management

Global State: Managed using React Context API Local State:

Managed using useState hooks

#### **User Interface**

Screenshots or GIFs of UI showcasing landing page, search, and recipe details

# Styling

CSS Frameworks: Tailwind CSS, React Icons

Theming: Light/Dark mode toggle, Custom color schemes

# **Testing**

Testing Strategy: Unit Testing with Jest, Integration

Code Coverage: Ensured with Jest coverage reports

# Screenshots or Demo

DemoLink:https://drive.google.com/file/d/10vmY4EVnioIE4yQD1e2Hwcww56n3Ki6X/view?usp=sharing:

# **Known Issues**

-Missing pagination in recipe list view -

No authentication feature.

#### **Future Enhancements**

- -User sign-in to save custom recipes.
- -Share recipes via social media